



ENVIRONMENT PROTECTION DEPARTMENT

Government of the Punjab
National Hockey Stadium, Lahore.
TO BE SUBSTITUTED SAME NUMBER AND DATE



NO. DD (EIA)/EPA/F-52(EIA)/0707/2015/892/
Dated: 09.07.2015

To

Mr. Asrar Saeed,
Chief Engineer,
Lahore Development Authority,
Khiyaban-e-Firdousi Road,
467-D/II, M.A. Johar Town, Lahore

Subject:

DECISION OF EPA PUNJAB FOR THE CONSTRUCTION OF LAHORE ORANGE LINE METRO TRAIN PROJECT (ALI TOWN - DERA GUJRAN), LAHORE
(Under Section 12 of PEPA, 1997 read with IEE/EIA Regulations, 2000)

Reference: LDA letter No. CE/LDA/PS/391 dated 07.05.2015

1. Description of Project: Construction of Lahore Orange Line Metro Train Project (Ali Town - Dera Gujran) of total length 27.1-Km.
2. Location of Project: The project site is located at Ali Town to Dera Gujran along G.T. Road to the Main Railway Station, across the City Centre via Lakshmi Chowk, Mcloed Road & Lake Road to Chauraji before heading South - West via Multan Road & Raiwind Road, Lahore
3. Date of receiving 08.05.2015.

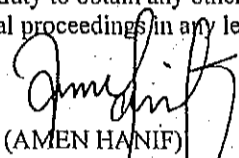
4. The proponent LDA submitted Environmental Impact Assessment (EIA) of the subject project on 08.05.2015, which was initially scrutinized in-terms of Regulation 9 of IEE / EIA Regulations 2000. After review of Environmental Impact Assessment (EIA) Report, Site Suitability Report by District Officer (Environment), Lahore, Public Hearing conducted on 30.06.2015 under Regulation 10 of IEE / EIA Regulations, 2000 read with Section 12 of the Act *ibid*, recommendations of Committee of Experts constituted under Regulation 11(2) of IEE / EIA Regulations, 2000 read with Section 12 of the Act *ibid* and other relevant record, the Environmental Protection Agency, Punjab accords approval for construction phase of the above mentioned project at the aforementioned sites to safeguard the environmental issues subject to the following conditions:

- i. The proponent shall ensure compliance of National Environmental Quality Standards (NEQS).
- ii. Mitigation Measures suggested in the EIA report and Environmental Management Plan (EMP) and Monitoring Plan shall be strictly adhered to minimize any negative impacts on soil, ground water, air and biological resources of the project area.
- iii. Monitoring shall be carried out during the entire period of the project activities. Monitoring reports of the whole operation shall be submitted to EPA, Punjab on monthly basis.
- iv. Compensation shall be provided to the inhabitants in case of loss of property, shops, business etc. in accordance with the rates that are agreed upon. All conflicting issues regarding compensation etc. should be settled amicably before or during the project activities by the competent authority.
- v. The proponent will take measures to reduce the land as much as possible by making changes in the design, where possible.
- vi. The proponent shall take effective measures for the sanitation during construction & operational phases.
- vii. The proponent shall dispose off solid waste in a proper scientific way in consultation with LWMC / City District Government.
- viii. The proponent shall allocate 1% of the total cost of the project for the tree plantation and shall hand over this amount to the Director General, Parks & Horticulture Authority, Lahore for plantation of trees especially of indigenous species of minimum height from 6-7 feet in Lahore under intimation to EPA.
- ix. The proponent shall do proper landscaping after completion of the project and shall restore the environment after completion of work.
- x. The proponent shall provide a copy of EIA report and copy of this letter to the contractor also for their information and compliance of conditions / measures suggested in these documents.
- xi. The proponent shall obtain NOC / clearance from all other concerned departments before commencement of work.

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To

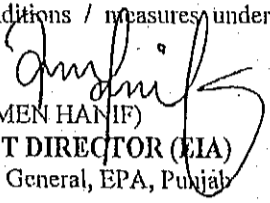
- xii. The proponent shall prepare waste management plan for the disposal of sanitary waste water before its discharge into public sewer through tankers and will provide pit latrines septic tanks for labour camps.
 - xiii. Camping sites shall be located at suitable distance away from any settlement to avoid disturbance to the local people. These shall be constructed at a suitable distance from any permanent or seasonal water source. Septic tank shall not be located in the areas where high ground water table exists.
 - xiv. The proponent shall take effective measures to protect the patients of the nearby hospitals and residents of the area from noise pollution. For this purpose, noise barriers in sensitive areas shall be installed / constructed in the form of high boundary walls (concrete or wood).
 - xv. The proponent shall formulate a proper traffic management plan and announce before the constructional activities to avoid traffic jams / public inconvenience during construction phase.
 - xvi. The proponent shall plan the adequate signage, barriers, yellow tape during construction.
 - xvii. The proponent shall plan the timings for the movement of construction material to minimize the traffic load and to avoid the inconvenience to the local residents.
 - xviii. The proponent shall relocate all the public utilities likely to be affected by the proposed project well ahead of the commencement of the construction work.
 - xix. The proponent shall avoid unnecessary excavations and all excavations work shall be sprinkled with water to control dust.
 - xx. The proponent shall ensure that strict and efficient health and safety measures are in place for protection of workers backed by a comprehensive emergency response system while working on super structures.
 - xxi. The proponent shall provide ear muffs and masks to the workers doing job in the vicinity of high noise generating machines and dust emitting areas and shall provide protective clothing for handling hazardous materials.
 - xxii. The proponent shall provide pedestrian and vehicular passages during construction phase.
 - xxiii. Open burning of solid waste from the contractors camp shall not be allowed.
 - xxiv. The proponent may ensure provision of pedestrian crossing facilities at appropriate locations.
 - xxv. The proponent shall provide parking areas near Railway Stations, where necessary.
 - xxvi. The proponent will upgrade Morr Samanabad Chowk & Gharhi Shahu Chowk etc. to make these crossing hurdles free to facilitate the users of other vehicles and to resolve the issue of traffic congestion.
 - xxvii. The proponent shall prepare Urban Re-generation Plan on all major stations which may ensure high urban density entailing greater transit usage and economic development.
5. The proponent shall be liable for correctness and validity of information supplied to this department by the consultant.
 6. The proponent shall be liable for compliance of Regulations 13, 14, 17 and 18 of IEE/EIA Regulations, 2000, regarding approval, confirmation of compliance, entry, inspections and monitoring.
 7. This approval is accorded only for the construction phase of the project. The proponent shall apply for confirmation of compliance under Regulation 14 of IEE / EIA Regulation, 2000 by submitting Environmental Management Plan for operational phase along with compliance status report of the Environmental Approval of the construction phase of the project.
 8. Any change in the approved project shall be communicated to EPA, Punjab and shall be commenced after obtaining the approval.
 9. This approval shall be treated as null and void if all or any of the conditions mentioned above, is/are not complied with. This approval does not absolve the proponent of the duty to obtain any other approval or consent that may be required under any law in force and is subjudice to legal proceedings in any legal for a / court. 91


 (AMEN HANIF)
 ASSISTANT DIRECTOR (EIA)
 for Director General, EPA, Punjab
 Ph: # 042-99232228

NO. & DATE EVEN.

A copy is forwarded for information to:

The District Officer (Environment), Lahore w.r.t his letter No. 916/DOE/LHR dated: 23.06.2015. He is requested to ensure compliance of the above mentioned conditions / measures under intimation to this office.


 (AMEN HANIF)
 ASSISTANT DIRECTOR (EIA)
 for Director General, EPA, Punjab